



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 23, 2017

Haley Wade
Regulatory Assistant
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Subject: Label Amendment – Addition of 3-month control claim which is already on similar product labels.
Product Name: Bifenthrin .115G
EPA Registration Number: 53883-194
Application Date: August 4, 2017
Decision Number: 532228

Dear Ms. Wade:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Tim Ciarlo by phone at 703-347-8082, or via email at Ciarlo.Timothy@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Elizabeth Fertich". The signature is written in a cursive style with some loops and flourishes.

Elizabeth Fertich
Acting Product Manager 03
Invertebrate & Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs



ACCEPTED

10/23/2017

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 53883-194

Bifenthrin .115 G

[Alt Brand Name: Surrender® G]

[Optional Generic Descriptor: Insect Killer Granules]

For outdoor use around residential sites only

[Optional Marketing Claims:

- *Easy-to-Use [Applicator Nozzle]*
- *Works Fast*
- *Protects lawns against listed damaging insects*
- *Kills Listed Insects, Fleas & Ticks*
- *Fast Acting against [Fire Ants][listed insects],[spiders][mole crickets][fleas] and [ticks]*
- *Kills fleas and ticks*
- *Kills ticks that may transmit Lyme Disease*
- *Kills and controls listed pests in lawns and around homes*
- *Controls [chinch bug], [sod webworms] [lawn moth],[cutworms][billbugs], [European crane fly][mole cricket],[fleas],[ticks (including ticks that may transmit Lyme's Disease)], and other lawn pests listed [by contact]*
- *Treats up to 5,000 Square Feet*
- *[A 10 lb. bag] Treats up to 10,000 sq. ft.*
- *[A 20 lb. bag] Treats up to 20,000 sq. ft.*
- *[A 1 lb. bag treats up to 1000 sq. ft.*
- *Use on lawns, ornamental and flower gardens, and listed vegetables*
- *Use around the outside of homes, foundations, porches and patios*
- *Kills listed insects by contact after watering in*
- *Effective home barrier treatment*
- *Kills listed bugs outdoors-before they come inside*
- *Treats 136 mounds or up to 3,500 sq. ft. [3.5 lb]*
- *Treats 39 mounds [1 lb size]*
- *Guaranteed to Work or Your Money Back*
- *Use on lawn and around home foundation as a barrier treatment*
- *Kills listed surface and sub-surface pests/insects/bugs that ruin your lawn*
- *Soil-penetrating formula reaches deep below ground*
- *Deep-reaching formula that kills listed lawn-destroying insects*
- *Keeps Listed [Lawn] Insects Away for Up to 2 Months [8 weeks]*
- *Kills Ants Outside so They Can't Come Inside*
- *Kills Listed Surface & Sub-Surface Insects*
- *Deep Reaching Formula*

Active Ingredient	
*Bifenthrin.....	0.115%
Other Ingredients.....	99.885%
	100.000%

*Cis isomers 97% minimum, trans isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements on back of bag. *[See [back panel] [booklet] for additional precautionary statements]*

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of run-off.

Do not make applications during the rain.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

General Instructions

Bifenthrin .115 G is for use on lawns, around home foundations (perimeter treatment), ornamental and flower gardens, and vegetable gardens for the control of the insect pests listed in the table below.

Lawns

Apply **Bifenthrin .115 G** when insect activity or damage is first observed (lawn thins, brown spots appear, or moths fly up from the grass when mowed).

Spread **Bifenthrin .115 G** uniformly over lawn [at the rates listed] using the suggested spreader settings. For best results, use a mechanical spreader.

Water-in product after application.

Do not use any other weed, disease, or insect control products for at least one week after application.

For best results and to prevent further damage, treat the entire lawn, not just the browned areas.

Repeat application if there are signs of renewed insect activity.

NOTE: Food utensils such as tablespoons/teaspoons must not be used for food purposes after use in measuring pesticides.

Pest	Application Rate
<p>Ants (including Carpenter, Red Harvester, Odorous, Pyramid, Argentina, Pharoah, Black Turf, Fire Ants and Foraging Fire Ants), Armyworms (including Lawn Armyworm, Fall Armyworm), Billbugs (including Bluegrass Billbug, Hunting Billbug), Black Turfgrass Ataenius (adults), Bristletail, Chiggers, Chinch Bugs, Crickets, Cutworms (including Black Cutworm, Bronzed Cutworm, Granulate Cutworm, Variegated Cutworm), Dichondra Flea Beetle, Earwigs, European Crane Fly, Fiery Skipper, Fire Brat, Fleas, Fruit Fly, Grasshoppers, Greenbug, Ground Beetles, Ground Pearl, Leaf Hoppers, Lucerne Moth, Mealybugs, Mole Crickets (including Tawny Mole Cricket, Southern Mole Cricket, Short-Winged Mole Cricket), Pillbugs, Seed Maggots, Spiders, Springtails, Striped Grassworm, Ticks (including ticks that may transmit Lyme Disease), Two-lined Spittle Bugs, Webworms (including Sod Webworm, Grass Webworm, Tropical Sod Webworm),</p>	<p>Uniformly apply 1 to 2 pounds over a 1,000 sq. ft. area of lawn using a spreader.</p> <p>For 3 month control, apply 1 lb of product per 250 sq ft</p> <p>For best results, thoroughly water the treated area after application.</p> <p>For Fire Ant Mounds: Uniformly apply 1 tablespoon or 3 teaspoons of granules to the surface of each mound. For best results apply in cool weather, 65 to 80 F, in early morning or late evening hours. Avoid disturbing ants. Treat new mounds as they appear. Thoroughly water the treated area after application.</p>

Weevils (including Hyperodes, Bluegrass), Wireworms	
Centipedes, Millipedes, Pavement Ants	Uniformly apply 1 lb per 250 sq ft. area of lawn. For best results, thoroughly water the treated area after application.
Mole Crickets	Uniformly apply 1 to 2 pounds over a 500 sq. ft. For best results, treat in late spring and water thoroughly after application.
In New York State, this product may NOT be applied to any grass or turf area (lawns) within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch). In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.	

Ornamentals & Flowers

Bifenthrin .115 G can be applied just before planting or after plants emerge.

Apply 0.5* to 1 lb. evenly over each 500 sq. ft. area. Repeat if there are signs of renewed insect activity.

Home Foundation/Barrier Treatment

Evenly apply a 2 foot wide band next to the house/home foundation. Use 0.5* to 1.0 lb for each 500 sq. ft. (2 ft. x 250 ft.).

*0.5 lb/500 sq. ft. is equivalent to 1 lb/1000 sq. ft.

Vegetable Gardens

Bifenthrin .115 G can be applied to the vegetables listed below.

Apply a single application before planting or after plants emerge and work into the top 4 to 6 inches of soil. Use 1.0 lb of product for a 500 sq. ft. area.

Crop	Days to Wait till Harvest	Pests
Tomatoes,	1	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms
Sweet Corn	1	Ants, armyworms, cutworms, crickets, earwigs, European corn borer, fall armyworm, grasshoppers, southwestern corn borer and weevils
Green Peas Edible Pods (Sugar Snap Peas, Snow Peas), Green Beans (Wax Beans, Snap Beans), Dry Beans	3	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms

(Black Eyed Peas, Cow Pea),		
Cucurbit Vegetables Chayote, Citron melon, Cucumber, Edible Gourd Muskmelon (Cantaloupe, casaba, Crenshaw melon, Golden melon, Honeydew Melon, Pineapple melon, Santa Claus melon, Snake melon) Pumpkin, Summer squash (Crookneck, Scallop, Straightneck, Zucchini) Winter squash (Butternut, Calabaza, Hubbard including Acorn and Spaghetti) Watermelon	3	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms
Artichoke	5	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms
Broccoli, Brussels Sprouts, Chinese Broccoli, Cabbage, Cauliflower, Cavalo Broccoli, Chinese Cabbage, Kohlrabi, Chinese Mustard, Eggplant, Head Lettuce, Peppers (Bell and Non- Bell)	7	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms

Spreading Instructions

Follow Application Directions in the table below. Calibrate the spreader settings based on the manufacturer's recommendations.

Spreader Settings

Spreader	Spreader Settings covers 5,000 sq. ft.	Application Directions
	Pounds of product per 1,000 sq. ft. 1 lb. 2 lb. 3.5lb.	
Scott Drop Spreader EZ Drop, Republic (#530)	<i>(Spreader settings provided at printing)</i>	Mow lawn first if grass is tall enough to touch the bottom of the spreader. First apply two header strips. Operate spreader the longest way of the lawn. Overlap wheel marks to ensure uniform feeding. Shut off spreader when you have reached the header strips or stopped.
Scotts Easy Green® Rotary	<i>(Spreader settings provided at printing)</i>	Application automatically starts and stops when you do. For complete coverage make each pass

EZ Broadcast, Republic (#540)		about 30 inches from the previous one, or some overlapping occurs.
Scotts SpeedyGreen® EdgeGuard® Rotary	<i>(Spreader settings provided at printing)</i>	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one, so some overlapping occurs.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry, secure place. Do not store near seeds, fertilizers, or foodstuffs.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticides, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, or by other procedures approved by state and local authorities.

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID

If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	
Note to Physician: This product is a pyrethroid. If large amounts have been ingested, milk, cream or other digestible fats and oils may increase absorption and so should be avoided.	

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

Notice: To the extent consistent with applicable law, Buyer assumes all responsibility for safety and use not in accordance with directions.

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